NSN 5990-00-904-7315

Differential Transmitter Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-904-7315

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.5000 inches and 0.5005 inches

Overall Length:

1.6650 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

Between 0.0580 inches and 0.0680 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3370 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

100.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 28.90 and 39.10

Rotor Dc Resistance In Ohms:

Between 28.80 and 35.20

Stator Dc Resistance In Ohms:

Between 22.50 and 27.50

Phase Shift Angle In Deg:

10.200 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

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Actuator Friction Torque At Minus 55 Deg Celsius:
0.00 centimeter-grams
Actuator Friction Torque At Plus 25 Deg Celsius:
3.00 centimeter-grams
Pilot Length:
Between 0.0350 inches and 0.0450 inches
Shoulder Length:
Between 0.0570 inches and 0.0670 inches
Mounting Surface To Terminal End Distance:
1.1900 inches
Shaft Maximum Runout:
0.0010 inches
Ferminal Location:
Rear
Plus J Zro Reactance In Ohms:
Between 107.10 and 130.90
Shaft Slot Depth:
0.1880 inches single shaft
Shaft Slot Width:
0.1250 inches single shaft
Shaft Type:
Round, slotted single shaft
Fransformation Ratio:
Between 1.028 rotor to stator and 1.090 rotor to stator
Test Data Document:
0001-2325877 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.;
excludes any specification, standard or other document that may be referenced in a basic governing drawing)
Ferminal Type And Quantity:
S wire lead
Shelf Life:
N/a
Jnit Of Measure:
-
Demilitarization:
es - demil/mli
Filg:
A07800